



Created: 2 hours, 4 minutes after earthquake

PAGER

Version 2

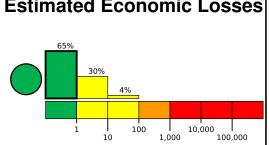
M 5.9, Pagan region, Northern Mariana Islands

Origin Time: 2023-11-19 04:01:36 UTC (Sun 14:01:36 local) Location: 18.8490° N 145.2974° E Depth: 598.3 km

Estimated Fatalities 10,000 1,000

and economic losses. There is a low likeli-

Green alert for shaking-related fatalities Estimated Economic Losses hood of casualties and damage.



Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	0	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

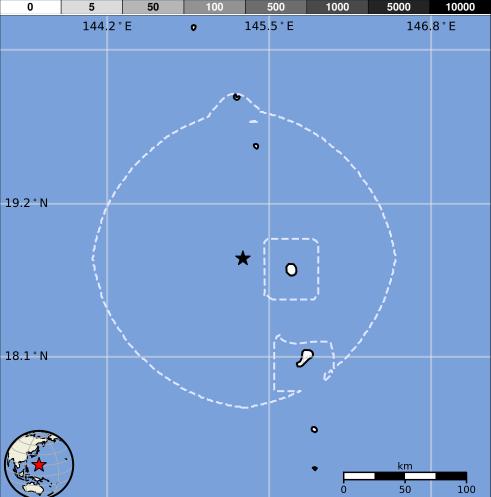
^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan



Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are informal (metal, timber, GI etc.) and unknown/miscellaneous types construction.



Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking						
(UTC)	(km)		MMI(#)	Deaths						
1993-06-06	370	6.4	V(54k)	_						

Selected City Exposure

from GeoNames.org

MMI City **Population**

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

Event ID: us6000lpe6